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Office of Initial Patent Examination
Filing Receipt Corrections
Commission for Patents
Washington, D.C. 20231

On March 2, 2005

TOWNSEND and TOWNSEND and CREW LLP

By: Shirley Macerone

FW
PATENT

Docket No.: 022193-061210US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

STEPHEN CLARK PURCELL et al.

Application No.: 10/711,115

Filed: August 25, 2004

For: METHOD AND APPARATUS FOR
GENERATING RANDOM NUMBERS
FOR USE IN A FIELD
PROGRAMMABLE GATE ARRAY

Examiner: To Be Assigned

Art Unit: 2818

REQUEST FOR CORRECTED FILING
RECEIPT

Office of Initial Patent Examination
Filing Receipt Corrections
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Attached is a redline corrected copy of the official Filing Receipt for the
above-noted application for which issuance of a corrected Filing Receipt is respectfully
requested.

There is an error in the Assignee section of the Filing Receipt. The correct
Assignee should read as follows **(with corrections noted in bold text)**:

PASTERNAK SOLUTIONS LLC, Los Altos, CA

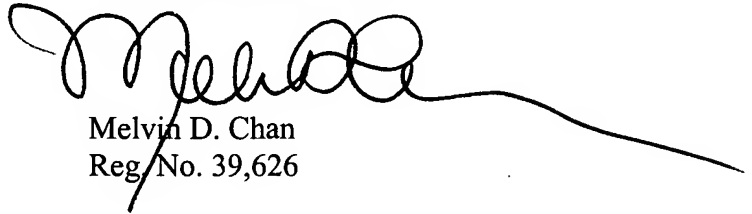
STEPHAN CLARK PURCELL
Application No.: 10/711,115
Page 2

PATENT

Copies of an Exhibit B, Assignment of Patent Rights, and a Supplemental Application Data Sheet is included with this Request.

Per current PTO guidelines, there is no charge for correcting the Filing Receipt. Applicants respectfully request the Filing Receipt to be updated.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Melvin D. Chan', with a long horizontal flourish extending to the right.

Melvin D. Chan
Reg. No. 39,626

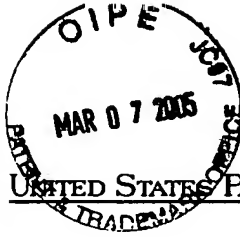
TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, 8th Floor
San Francisco, California 94111-3834
Tel: (650) 326-2400
Fax: (650) 326-2422
MDC/km
60434550 v1



Application Data Sheet

Application Information

Application number::	<u>10/711,115</u>
Filing Date::	<u>08/25/04</u>
Application Type::	Regular
Subject Matter::	Utility
Suggested classification::	
Suggested Group Art Unit::	
CD-ROM or CD-R??::	
Number of CD disks::	
Number of copies of CDs::	
Sequence Submission::	
Computer Readable Form (CRF)?::	
Number of copies of CRF::	
Title::	Method and Apparatus for Generating Random Numbers for Use in a Field Programmable Gate Array
Attorney Docket Number::	22193-061210
Request for Early Publication::	No
Request for Non-Publication::	Yes
Suggested Drawing Figure::	
Total Drawing Sheets::	8
Small Entity?::	No
Latin name::	
Variety denomination name::	
Petition included?::	No
Petition Type::	
Licensed US Govt. Agency::	
Contract or Grant Numbers One::	



022193-061210US
MDC, PA

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/711,115	08/25/2004	2818	788	22193-061210	8	21	2

CONFIRMATION NO. 5114

20350
TOWNSEND AND TOWNSEND AND CREW, LLP
TWO EMBARCADERO CENTER
EIGHTH FLOOR
SAN FRANCISCO, CA 94111-3834

FILING RECEIPT



OC000000015219202

Date Mailed: 02/18/2005

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Stephen Clark Purcell, Mountain View, CA;
Scott Kimura, San Jose, CA;
Rajeshwaran Selvanesan, Milpitas, CA;

Assignment For Published Patent Application

~~INTELLECTUAL VENTURES, LLC, Bellevue, WA~~

PASTERNAK SOLUTIONS LLC, Los Altos, CA

Power of Attorney: The patent practitioners associated with Customer Number 20350.

Domestic Priority data as claimed by applicant

This application is a DIV of 09/925,155 08/08/2001

Foreign Applications

If Required, Foreign Filing License Granted: 09/27/2004

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/711,115**

Projected Publication Date: Request for Non-Publication Acknowledged

Non-Publication Request: Yes

636

Early Publication Request: **MAR 07 2005**



Title

Method and Apparatus for Generating Random Numbers for Use in a Field Programmable Gate Array

Preliminary Class

365

**LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

Secrecy Order in Parent Appl.: No

Applicant Information

Applicant Authority Type:: Inventor
Primary Citizenship Country:: US
Status:: Full Capacity
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Name Suffix::
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State or Province of Residence:: CA
Country of Residence:: US
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City of Mailing Address:: Mountain View
State or Province of mailing address:: CA
Country of mailing address:: US
Postal or Zip Code of mailing address:: 94040

Applicant Authority Type:: Inventor
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Middle Name::
Family Name:: Kimura
Name Suffix::
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State or Province of Residence:: CA
Country of Residence:: US
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City of Mailing Address:: San Jose

State or Province of mailing address:: CA
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Applicant Authority Type:: Inventor
Primary Citizenship Country:: US
Status:: Full Capacity
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Middle Name::
Family Name:: Selvanesan
Name Suffix::
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State or Province of Residence:: CA
Country of Residence:: US
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City of Mailing Address:: Milpitas
State or Province of mailing address:: CA
Country of mailing address:: US
Postal or Zip Code of mailing address:: 95035

Correspondence Information

Correspondence Customer Number:: 20350

Representative Information

Representative Customer Number:: 20350

Domestic Priority Information

Application::	Continuity Type::	Parent Application::	Parent Filing Date::
This Application	Division of	09/925,155	08/08/01

Foreign Priority Information

Country::

Application number::

Filing Date::

Assignee Information

Assignee Name::

~~Intellectual Ventures, LLC~~ Pasternak Solutions LLC

Street of mailing address::

~~227 Bellevue Way NE #502~~ 171 Main Street, #271

City of mailing address::

~~Bellevue~~ Los Altos

State or Province of mailing address::

CA

Country of mailing address::

US

Postal or Zip Code of mailing address:: ~~98004~~ 94022

TRANSMITTAL FORM

MAR 07 2005
(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

13

Application Number

10/711,115

Filing Date

August 25, 2004

First Named Inventor

Purcell, Stephen Clark

Art Unit

2818

Examiner Name

To Be Assigned

Attorney Docket Number

22193-061210US

ENCLOSURES (Check all that apply)

- | | | |
|--|---|--|
| <input type="checkbox"/> Fee Transmittal Form
<input type="checkbox"/> Fee Attached
<input type="checkbox"/> Amendment/Reply
<input type="checkbox"/> After Final
<input type="checkbox"/> Affidavits/declaration(s)
<input type="checkbox"/> Extension of Time Request
<input type="checkbox"/> Express Abandonment Request
<input type="checkbox"/> Information Disclosure Statement

<input type="checkbox"/> Certified Copy of Priority Document(s)
<input type="checkbox"/> Reply to Missing Parts/ Incomplete Application
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)
<input type="checkbox"/> Licensing-related Papers
<input type="checkbox"/> Petition
<input type="checkbox"/> Petition to Convert to a Provisional Application
<input type="checkbox"/> Power of Attorney, Revocation
Change of Correspondence Address
<input type="checkbox"/> Terminal Disclaimer
<input type="checkbox"/> Request for Refund
<input type="checkbox"/> CD, Number of CD(s) _____
<input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Status Letter
<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
Request to Correct Filing Receipt, Redline Corrected Copy of Filing Receipt, Copy of Exhibit B - Assignment, Supplemental Application Data Sheet, Return Postcard |
|--|---|--|

Remarks

The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name

Townsend and Townsend and Crew LLP

Signature

Printed name

Melvin D. Chan

Date

March 2, 2005

Reg. No.

39,626

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: OIPE, Filing Receipt Corrections, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Signature

Typed or printed name

Krista K. Merrimac

Date

March 2, 2005

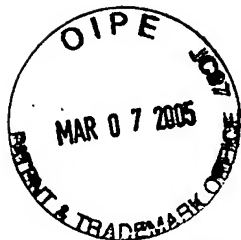


Exhibit B
ASSIGNMENT OF PATENT RIGHTS

For good and valuable consideration, the receipt of which is hereby acknowledged, **Believe, Inc.**, a Delaware corporation, having offices at 3203 Scott Boulevard, Santa Clara, California 95054, ("Assignor"), does hereby sell, assign, transfer and convey unto **Pasternak Solutions LLC**, a Delaware Corporation, having an office at 171 Main Street, #271, Los Altos, California 94022 ("Assignee") or its designees, all of Assignor's right, title and interest in and to the patent applications and patents listed below, any patents, registrations, or certificates of invention issuing on any patent applications listed below, the inventions disclosed in any of the foregoing, any and all counterpart United States, international and foreign patents, applications and certificates of invention based upon or covering any portion of the foregoing, and all reissues, re-examinations, divisionals, renewals, extensions, provisionals, continuations and continuations-in-part of any of the foregoing (collectively "Patent Rights"):

<u>Patent Number</u>	<u>Country</u>	<u>Issue or Fil- ing Date</u>	<u>Title</u>
09/925,137	U.S.	8/9/01	Layered Crossbar for Interconnection of Multiple Processes and Shared Memories
09/738,733	U.S.	12/15/00	Method and Apparatus for Improved Data Bus Efficiency
09/898,034	U.S.	7/3/01	Method and Apparatus for Implementing Level of Detail With Ray Tracing
10/681,829	U.S.	10/7/03	Method and Apparatus for Implementing Level of Detail With Ray Tracing
09/927,306	U.S.	8/8/01	Sliced Crossbar Architecture with Inter-Slice Communication
09/925,158	U.S.	8/8/01	Memory Bus Arbitration Using Memory Bank Readiness
10/759,376	U.S.	1/15/04	Memory Bus Arbitration Using Memory Bank Readiness
09/925,160	U.S.	8/8/01	One Way Transaction Tagging in a Switch Crossbar
09/925,156	U.S.	8/8/01	Sliced Crossbar Architecture with No Inter-Slice Communication

COPY

09/738,466	U.S.	12/14/00	Method and System for Creating and Managing A Digital Content Creation Project Over a Network
09/925,157	U.S.	8/8/01	Method and System for Digital Rendering Over a Network
09/925,155	U.S.	8/8/01	Method and Apparatus for Generating Random Numbers for Use in a Field Programming Gate Array
09/925,161	U.S.	8/8/01	Method and Apparatus for Accumulating Floating Point Values
09/919,713	U.S.	7/31/01	Method and system to implement an improved floating point adder with integrated adding and rounding
09/894,225	U.S.	6/27/01	Object Visibility Control for Ray Tracing
09/925,127	U.S.	8/8/01	Efficiently Determining Mip Map Storage Locations for the Level of Detail of a Mip Map of an Image
09/925,159	U.S.	8/8/01	Efficient Serialization of (Bursty) Out-of-Order Results
09/925,136	U.S.	8/8/01	Efficiently Determining a Floor for a Floating Point Floor Number

Assignor represents, warrants and covenants that: (i) it is the sole owner, assignee and holder of record title to the Patent Rights identified above, (ii) it has, to the best of Assignor's knowledge, obtained and properly recorded previously executed assignments for all patent applications and patents identified above as necessary to fully perfect its rights and title therein in accordance with governing law and regulations in each respective jurisdiction, and (iii) it has full power and authority to make the present assignment. Assignor shall provide any reasonable and necessary assistance to Assignee to cure any breaches of the foregoing, but shall not indemnify Assignor for any such breaches.

Assignor further agrees to and hereby does sell, assign, transfer and convey unto Assignee all rights that may exist: (i) in and to causes of action and enforcement rights for the Patent Rights including all rights to pursue damages, injunctive relief and other remedies for past and future infringement of the Patent Rights, and (ii) to apply in any or all countries of the world for patents, certificates of invention or other governmental grants for the Patent Rights, including without limitation under the Paris Convention for the Protection of Industrial Property, the International Patent Cooperation Treaty, or any other convention, treaty, agreement or understanding. Assignor also hereby authorizes the respective patent office or governmental agency in each ju-

jurisdiction to issue any and all patents or certificates of invention which may be granted upon any of the Patent Rights in the name of Assignee, as the assignee to the entire interest therein.

Assignor will, at the reasonable request of Assignee and without demanding any further consideration therefor, do all things reasonably necessary, proper, or advisable, including without limitation the execution, acknowledgment and recordation of specific assignments, oaths, declarations and other documents on a country-by-country basis, to assist Assignee in obtaining, perfecting, sustaining, and/or enforcing the Patent Rights. Such assistance shall include assisting Assignee in obtaining from the respective inventors, prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, powers of attorney, specifications, declarations or other papers and other assistance reasonably necessary for filing patent applications, complying with any duty of disclosure, and conducting prosecution, reexamination, reissue, interference or other priority proceedings, opposition proceedings, cancellation proceedings, public use proceedings, infringement or other court actions and the like with respect to the Patent Rights.

The terms and conditions of this Assignment shall inure to the benefit of Assignee, its successors, assigns and other legal representatives, and shall be binding upon Assignor, its successor, assigns and other legal representatives.

IN WITNESS WHEREOF this Assignment of Patent Rights is executed at _____
on 26 APRIL, 2004.

ASSIGNOR

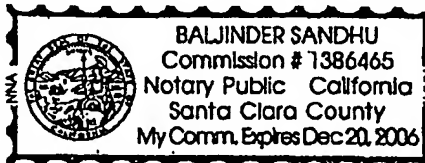
By: _____

Name: PATRICK W. LITTLE

Title: PRESIDENT & CEO

(Notarization Required)

STATE: CALIFORNIA
COUNTY: SANTA CLARA
SUBSCRIBED AND SWORN TO BEFORE ME,
THIS 26th DAY OF APRIL, 2004
Balwinder Sandhu
NOTARY PUBLIC



COPY